

Amendments to the claims

1-2. (Cancelled)

3. (Original) A method for classifying and arranging metallic paint colors, comprising:
determination of the representative one of the colors of each metallic paint color;
calculation of the hue-tone value of said representative color;
generation of coating color computer graphics representing the optical properties of said metallic paint color in a prescribed range of angles of observation; and
preparation of a coating color map by arranging said coating color computer graphics over the hue-tone value of said representative color in a hue-tone chart on the monitor screen of a computer system.

4. (Original) A method, as claimed in Claim 3, for determining the representative color of any metallic paint color by a multiple regression formula of the lightness and saturation of the metallic paint color at not fewer than two angles of observation.

5. (Original) A method, as claimed in Claim 3, for calculating the hue-tone value of the representative color of any metallic paint color from spectral reflectances under a condition of at least two angles measured with a spectrophotometer.

6. (Original) A computer graphic apparatus comprising:
a means to determine said representative color of any metallic paint color out of colorimetric values of said metallic paint color at a plurality of angles of observation;
a means to convert said representative color into a hue-tone value;
a means to generate coating color computer graphics of said metallic paint color from the colorimetric values of said metallic paint colors at a plurality of angles of observation; and

a means to arrange and display said coating color computer graphics over the hue-tone value in a hue-tone chart generated on a display unit.